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PATENT  
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By: Maisie C. Livengood  
Maisie C. Livengood

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Cech et al.

Application No.: 09/843,676

Filed: April 26, 2001

For: NOVEL TELOMERASE

Art Unit: 1646

PRELIMINARY AMENDMENT IN  
RESPONSE TO NOTICE TO COMPLY  
WITH SEQUENCE DISCLOSURE

Box SEQUENCE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, Applicants submit the following:

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 10, line 14 with the following rewritten paragraph:

--The present invention further provides substantially purified polypeptides comprising the amino acid sequence comprising SEQ ID NOS:63, 64, 65, 67, and 69. In another embodiment, the present invention also provides purified, isolated polynucleotide sequences encoding the polypeptides comprising the amino acid sequences of SEQ ID NOS:63, 64, 65, 67, 68 and 69. The present invention contemplates portions or fragments of SEQ ID NOS:63, 64, 65, 67, and 69, of various lengths. In one embodiment, the portion of polypeptide comprises fragments of lengths greater than 10 amino acids. However, the present invention also contemplates polypeptide sequences of various lengths, the sequences of which are included within SEQ ID NOS:63, 64, 65,